

Receipt date: 06/16/2009

| | | |
|---|--|--|
| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE List of Information Cited by Applicant Page 1 of 2 | ATTY. DOCKET NO. 0183.06 | SERIAL NO. 10/597,170 |
| | APPLICANT Wessling | |
| | FILING DATE January 2, 2007 | GROUP 1751 |

| U.S. PATENT DOCUMENTS | | | | | | | |
|-----------------------|----|-----------------|------------|-------------------|-----|---------|-----------|
| EXAM. INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLS | SUB-CLS | FILE DATE |
| | AA | 4,394,498 | 7/19/1983 | Kastelic | | | |
| | AB | 4,585,695 | 4/29/1986 | Ogasawara, et al. | | | |
| | AC | 5,104,599 | 4/14/1992 | Prevorsek, et al. | | | |
| | AD | 2008/0265215 | 10/30/2008 | Wessling | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|----|-----------------|------------|---------|-----|---------|---------|
| EXAM. INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLS | SUB-CLS | TRANS ? |
| | AE | 2553467 | 8/4/2005 | CA | | | |
| | AF | 37 29 566 | 3/16/1989 | DE | | | |
| | AG | 4317010 | 11/24/1994 | DE | | | |
| | AH | 102004003784 | 8/18/2005 | DE | | | |
| | AI | 0329768 | 11/20/1996 | EP | | | |
| | AJ | 1 595 908 | 11/16/2005 | EP | | | |
| | AK | 2003-277417 | 10/2/2003 | JP | | | |
| | AL | WO 2004/083283 | 9/30/2004 | WIPO | | | |
| | AM | WO 2005/070972 | 8/4/2005 | WIPO | | | |

| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | |
|--|----|--|
| | AN | ADAMS et al. (1998) J. Phys. Condens. Matter 10:8293-8303, "A new acid-processing route to polyaniline films which exhibit metallic conductivity and electrical transport strongly dependent upon intrachain molecular dynamics" |
| | AO | ADAMS et al. (1999) Synthetic Metals 101:685-685, Paper No. 6074, "Temperature dependent conductivity behaviour of polyaniline fibres" |
| | AP | ARMES P ET AL (1987) JOURNAL OF THE CHEMICAL SOCIETY, CHEMICAL COMMUNICATIONS, pp. 288-290, "Dispersions of electrically Conducting Polypyrrole particles in aqueous media" |
| | AQ | DUFOUR et al. (2003) Synthetic Metals 135-136:63-68, "The role of chain and dopant engineering in the preparation of processible conducting polymers with desired properties" |
| | AR | GABRIELSON, L. and FOLKES, J. (Jan. 2001) JOURNAL OF MATERIALS SCIENCE, vol. 36, no. 1, pp. 1-6, "Manufacture of colloidal polymer ellipsoids for anisotropic conducting nano-composites" |
| | AS | GOSPODINOVA N ET AL (Feb. 1997), POLYMER, vol. 38, no. 3, pp. 743-746, "A new route to polyaniline composites" |
| | AT | HOLLAND et al. (1996) J. Phys. Condens. Matter 8:2991-3002, "Conductivity studies of polyaniline doped with CSA" |
| EXAMINER <u>/Edward Cain/</u> | | DATE CONSIDERED <u>06/22/2009</u> |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and <u>not</u> considered. Include copy of this form with next communication to applicant. | | |

S:\ClientFolders\0183 (Uexkull & Stolberg)\06\IDS02.doc

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EC/

Receipt date: 06/16/2009

| | | |
|--|---------------------------------------|---------------------------------|
| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE List of Information Cited by Applicant Page 2 of 2 | ATTY. DOCKET NO. 0183.06 | SERIAL NO. 10/597,170 |
| | APPLICANT Wessling | |
| | FILING DATE January 2, 2007 | GROUP 1751 |

| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | |
|---|-----|---|
| | BA | KEVILLE, K.M. ET AL. (June 1991) JOURNAL OF COLLOID AND INTERFACE SCIENCE, vol. 144, no. 1, pp. 103-126, "Preparation and Characterization of Monodisperse Polymer Microspheroids" |
| | BB | KIM, D. ET AL. (May 24, 2002), MACROMOLECULES, vol. 35, pp. 5314-5316, "Size Control of Polyaniline Nanoparticle by Polymer Surfactant" |
| | BC | KOSINA, S. ET AL. (1994) JOURNAL OF MATERIALS SCIENCE, vol. 29, pp. 3403-3407, "Study on the electrical conductivity and morphology of porous polypyrrole layers prepared electrochemically in the presence of pyridinium chlorochromate" |
| | BD | MACDIARMID et al. (Aug. 1994) Synthetic Metals 65(2-3):103-116, "The concept of secondary doping as applied to polyaniline" |
| | BE | MATTES et al. (1997) Synthetic Metals 84:45-49, "Formation of conductive polyaniline fibers derived from highly concentrated emeraldine base solution" |
| | BF | NAARMANN et al. (1987) Synthetic Metals 22:1-8, "New Process for the Production of Metal-Like, Stable Polyacetylene" |
| | BG | POMFRET et al. (2000) Polymer 41:2265-2269, "Electrical and mechanical properties of polyaniline fibres produced by a one-step wet spinning process" |
| | BH | WESSLING et al. (2000) Eur. Phys. J. E 2:207-210, "Dispersion-induced insulator-to-metal transition in polyaniline" |
| | BI | ZHOU et al. (2001) J. Matr. Sci. 36(13):3089-3095, "Electrically conductive PANi multifilaments spun by a wet-spinning process" |
| | BBA | |
| EXAMINER /Edward Cain/ DATE CONSIDERED 06/22/2009 | | |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | |

S:\Client\Folders\0183 (Uexkull & Stolberg)\06\IDS02.doc

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EC/